

INFORMATION REPORT

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COUNTRY

Poland

REPORT

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SUBJECT

Power Plant at Stalowa Wola

DATE DISTR.

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1. The old power plant at Stalowa Wola, which is now referred to as Stalowa Wola I, has three electric turbines. Two of these are old-style Als Thom turbines with a capacity of 20 megawatts each. The third is a new Escher Wyss machine with a capacity of 35 megawatts. During March and April 1955, one of the Als Thom turbines was taken out of operation for a general cleaning and overhauling. It was put back into operation in May 1955. The second Als Thom turbine was scheduled for a general cleaning and overhauling also, but during June 1955 the Escher Wyss turbine began vibrating so badly that it had to be taken out of operation; it was necessary temporarily to postpone the overhauling job and keep the second Als Thom turbine in operation, in order to hold the production of electricity at Stalowa Wola I at a sufficiently high level.

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2. The Stalowa Wola I power plant has a total of eight steam boilers. Four of these are relatively small boilers of pre-World War II construction. All four were in operation during the period from April to July 1955. The other four boilers are much larger and were constructed in a Polish factory after World War II. Three of these boilers are in operation and the fourth is being installed. The installation of the fourth boiler should be completed during October 1955.

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3. During the early summer of 1955, the transformers at Stalowa Wola I were hit three times by lightning, causing some minor damage. The damage has since been repaired and the transformers put back into operation.

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5. Work on the Stalowa Wola II power plant is proceeding somewhat slower than expected. The pillars and the framework for the buildings have been completed and the turbine foundations laid, but the first boiler has not yet been delivered from Czechoslovakia. Two Czech engineers visited the plant during July 1955 to supervise the construction of the turbine foundations.

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